WHAT IS CLAIMED IS:

1. At least one isolated mammalian amyloid antibody, comprising at least one variable region comprising at least one heavy chain and at least one light chain of SEQ ID NOS:48-49.

2. At least one isolated mammalian amyloid antibody, comprising either (i) at least two of the heavy chain complementarity determining regions (CDR) amino acid sequences of at least one of SEQ ID NOS:42-44; or (ii) at least two of the light chain CDR amino acids sequences of at least one of SEQ ID NOS:45-47.

3. At least one isolated mammalian amyloid antibody, comprising at least one heavy chain or light chain CDR having the amino acid sequence of at least one of SEQ ID NOS:48-49.

4. At least one isolated mammalian amyloid antibody that binds to the same region of an amyloid polypeptide as an antibody comprising at least one heavy chain or light chain CDR having the amino acid sequence of at least one of SEQ ID NOS:42-47.

5. At least one isolated mammalian amyloid antibody, comprising at least one variable region comprising at least one heavy chain and at least one light chain of SEQ ID NOS:59-60.

6. At least one isolated mammalian amyloid antibody, comprising either (i) at least two of the heavy chain complementarity determining regions (CDR) amino acid sequences of at least one of SEQ ID NOS:53-55; or (ii) at least two of the light chain CDR amino acids sequences of at least one of SEQ ID NOS:56-58.

7. At least one isolated mammalian amyloid antibody, comprising at least one heavy chain or light chain CDR having the amino acid sequence of at least one of SEQ ID NOS:59-60.

8. At least one isolated mammalian amyloid antibody that binds to the same region of an amyloid polypeptide as an antibody comprising at least one heavy chain or light chain CDR having the amino acid sequence of at least one of SEQ ID NOS:53-58.

9. At least one isolated mammalian amyloid antibody, comprising at least one variable region comprising at least one heavy chain and at least one light chain of SEQ ID NOS:69-70.

10. At least one isolated mammalian amyloid antibody, comprising either (i) at least two of the heavy chain complementarity determining regions (CDR) amino acid sequences of at least one of SEQ ID NOS:63-65; or (ii) at least two of the

light chain CDR amino acids sequences of at least one of SEQ ID NOS:66-68.

11. At least one isolated mammalian amyloid antibody, comprising at least one heavy chain or light chain CDR having the amino acid sequence of at least one of SEQ ID NOS:69-70.

12. At least one isolated mammalian amyloid antibody that binds to the same region of a amyloid polypeptide as an antibody comprising at least one heavy chain or light chain CDR having the amino acid sequence of at least one of SEQ ID NOS:63-68.

13. At least one isolated mammalian amyloid antibody, comprising at least one variable region comprising at least one heavy chain and at least one light chain of SEQ ID NOS:79-80.

14. At least one isolated mammalian amyloid antibody, comprising either (i) at least two of the heavy chain complementarity determining regions (CDR) amino acid sequences of at least one of SEQ ID NOS:73-75; or (ii) at least two of the light chain CDR amino acids sequences of at least one of SEQ ID NOS:76-78.

15. At least one isolated mammalian amyloid antibody, comprising at least one heavy chain or light chain CDR having the amino acid sequence of at least one of SEQ ID NOS:79-80.

16. At least one isolated mammalian amyloid antibody that binds to the same region of an amyloid polypeptide as an antibody comprising at least one heavy chain or light chain CDR having the amino acid sequence of at least one of SEQ ID NOS:73-78.

17. At least one isolated mammalian amyloid antibody, comprising at least one human CDR, wherein said antibody specifically binds at least one epitope selected from amino acids 2-7, 3-8, 33-42, or 34-40 of SEQ ID NO:50.

18. At least one isolated mammalian amyloid antibody, comprising at least one human CDR, wherein said antibody specifically binds at least one epitope comprising at least 1-3, to the entire amino acid sequence of SEQ ID NO:50.

19. An amyloid antibody according to any of claim 1, wherein said antibody binds amyloid with an affinity of at least one selected from at least 10^{-9} M, at least 10^{-10} M, at least 10^{-11} M, or at least 10^{-12} M.

20. An amyloid antibody according to any of claim 1, wherein said antibody substantially modulates at least one activity of at least one amyloid polypeptide.

21. An isolated nucleic acid encoding at least one isolated mammalian amyloid antibody according to any of claim 1 and having at least one human CDR of SEQ ID NOS:51, 52, 61, 62, 71, 72, 81 and 82.

22. An isolated nucleic acid vector comprising an isolated nucleic acid according to claim 20.

23. A prokaryotic or eukaryotic host cell comprising an isolated nucleic acid according to claim 20.

24. A host cell according to claim 22, wherein said host cell is at least one selected from COS-1, COS-7, HEK293, BHK21, CHO, BSC-1, Hep G2, 653, SP2/0, 293, HeLa, myeloma, or lymphoma cells, or any derivative, immortalized or transformed cell thereof.

25. A method for producing at least one amyloid antibody, comprising translating a nucleic acid according to claim 20 under conditions in vitro, in vivo or in situ, such that the amyloid antibody is expressed in detectable or recoverable amounts.

26. A composition comprising at least one isolated mammalian amyloid antibody according to any of claim 1 having at least one human CDR, wherein said antibody specifically binds at least one epitope comprising at least 1-3, to the entire amino acid sequence of SEQ ID NO:50, and at least one pharmaceutically acceptable carrier or diluent.

27. A composition according to claim 25, further comprising at least one at least one compound or polypeptide selected from at least one of a detectable label or reporter, a TNF antagonist, an anti-infective drug, a cardiovascular (CV) system drug, a central nervous system (CNS) drug, an autonomic nervous system (ANS) drug, a respiratory tract drug, a gastrointestinal (GI) tract drug, a hormonal drug, a drug for fluid or electrolyte balance, a hematologic drug, an antineoplactic, an immunomodulation drug, an opthalmic, otic or nasal drug, a topical drug, a nutritional drug, a cytokine, or a cytokine antagonist.

28. An anti-idiotype antibody or fragment that specifically binds at least one amyloid antibody according to any of claim 1.

29. A method for diagnosing or treating an amyloid related condition in a cell, tissue, organ or animal, comprising

(a) contacting or administering a composition comprising an effective amount of at least one antibody according to any of claim 1, with, or to, said cell, tissue, organ or animal.

30. A method according to claim 28, wherein said effective amount is 0.001-50 mg/kilogram of said cells, tissue, organ or animal.

31. A method according to claim 28, wherein said contacting or said administrating is by at least one mode selected from parenteral, subcutaneous, intramuscular, intravenous, intrarticular, intrabronchial, intraabdominal, intracapsular, intracartilaginous, intracavitary, intracelial, intracelebellar, intracerebroventricular, intracolic, intracervical, intragastric, intrahepatic, intramyocardial, intraosteal, intrapelvic,

intrapericardiac, intraperitoneal, intrapleural, intraprostatic, intrapulmonary, intrarectal, intrarenal, intraretinal, intraspinal, intrasynovial, intrathoracic, intrauterine, intravesical, intralesional, bolus, vaginal, rectal, buccal, sublingual, intranasal, or transdermal.

32. A method according to claim 28, further comprising administering, prior, concurrently or after said (a) contacting or administering, at least one composition comprising an effective amount of at least one compound or polypeptide selected from at least one of a detectable label or reporter, an anti-infective drug, a cardiovascular (CV) system drug, a central nervous system (CNS) drug, an autonomic nervous system (ANS) drug, a respiratory tract drug, a gastrointestinal (GI) tract drug, a hormonal drug, a drug for fluid or electrolyte balance, a hematologic drug, an antineoplactic, an immunomodulation drug, an ophthalmic, otic or nasal drug, a topical drug, a nutritional drug, a cytokine, or a cytokine antagonist.

33. A medical device, comprising at least one amyloid antibody according to any of claim 1, wherein said device is suitable to contacting or administerting said at least one amyloid antibody by at least one mode selected from parenteral, subcutaneous, intramuscular, intravenous, intrarticular, intrabronchial, intraabdominal, intracapsular, intracartilaginous, intracavitary, intracelial, intracelebellar, intracerebroventricular, intracolic, intracervical, intragastric, intrahepatic, intramyocardial, intraosteal, intrapelvic, intrapericardiac, intraperitoneal, intrapleural, intraprostatic, intrapulmonary, intrarectal, intrarenal, intraretinal, intraspinal, intrasynovial, intrathoracic, intrauterine, intravesical, intralesional, bolus, vaginal, rectal, buccal, sublingual, intranasal, or transdermal.

34. An article of manufacture for human pharmaceutical or diagnostic use, comprising packaging material and a container comprising a solution or a lyophilized form of at least one amyloid antibody according to any of claim 1.

35. The article of manufacture of claim 33, wherein said container is a component of a parenteral, subcutaneous, intramuscular, intravenous, intrarticular, intrabronchial, intraabdominal, intracapsular, intracartilaginous, intracavitary, intracelial, intracelebellar, intracerebroventricular, intracolic, intracervical, intragastric, intrahepatic, intramyocardial, intraosteal, intrapelvic, intrapericardiac, intraperitoneal, intrapleural, intraprostatic, intrapulmonary, intrarectal, intrarenal, intraretinal, intraspinal, intrasynovial, intrathoracic, intrauterine, intravesical, intralesional, bolus, vaginal, rectal, buccal, sublingual, intranasal, or transdermal delivery device or system.

36. A method for producing at least one isolated mammalian amyloid antibody according to any of claim 1, comprising providing a host cell or transgenic animal or transgenic plant or plant cell capable of expressing in recoverable amounts said

antibody.

37. At least one amyloid antibody produced by a method according to claim 35.

38. Any invention described herein.

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